

I feel the the idea of using the AC mains power lines for carrying high frequency, internet data signals is a very bad idea. The FCC has previously mandated that all electronic equipment connected to the AC mains must be quiet and NOT inject high frequency electrical noise onto the mains. This BPL proposal is a complete reversal of this previous policy. Placing HF data signals onto unshielded power lines will cause undesireable radiation and interfere with radio communications. One or two isolated pieces of eqpt. radiating levels below FCC part 15 will only cause a problem in the immediate neighborhood. However, if the BPL concept is allowed to happen, the mfgs. will try to sell millions of these units and the net result will be a tremendous increase in the background RF noise level rendering many radio services unusable. Please do not approve the BPL proposal.

Sincerely,

James R. Andrews, Ph.D.

IEEE Fellow

WA0NHD, extra class